

## WEST Search History

DATE: Wednesday, May 16, 2007

<b>Hide?</b>	<b>Set Name</b>	<b>Query</b>	<b>Hit Count</b>
		<i>DB=PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L5	arylpropenal or phenylpropenal.CLM.	5
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L4	11 and 13	13
<input type="checkbox"/>	L3	12 and (nonenolizable aldehyde or benzaldehyde)	2087
<input type="checkbox"/>	L2	\$phenylacetaldehyde or \$arylacetaldehyde	3679
<input type="checkbox"/>	L1	\$arylpropenal or \$phenylpropenal	77

END OF SEARCH HISTORY

=> d his

(FILE 'HOME' ENTERED AT 14:01:54 ON 16 MAY 2007)

FILE 'CASREACT' ENTERED AT 14:02:06 ON 16 MAY 2007

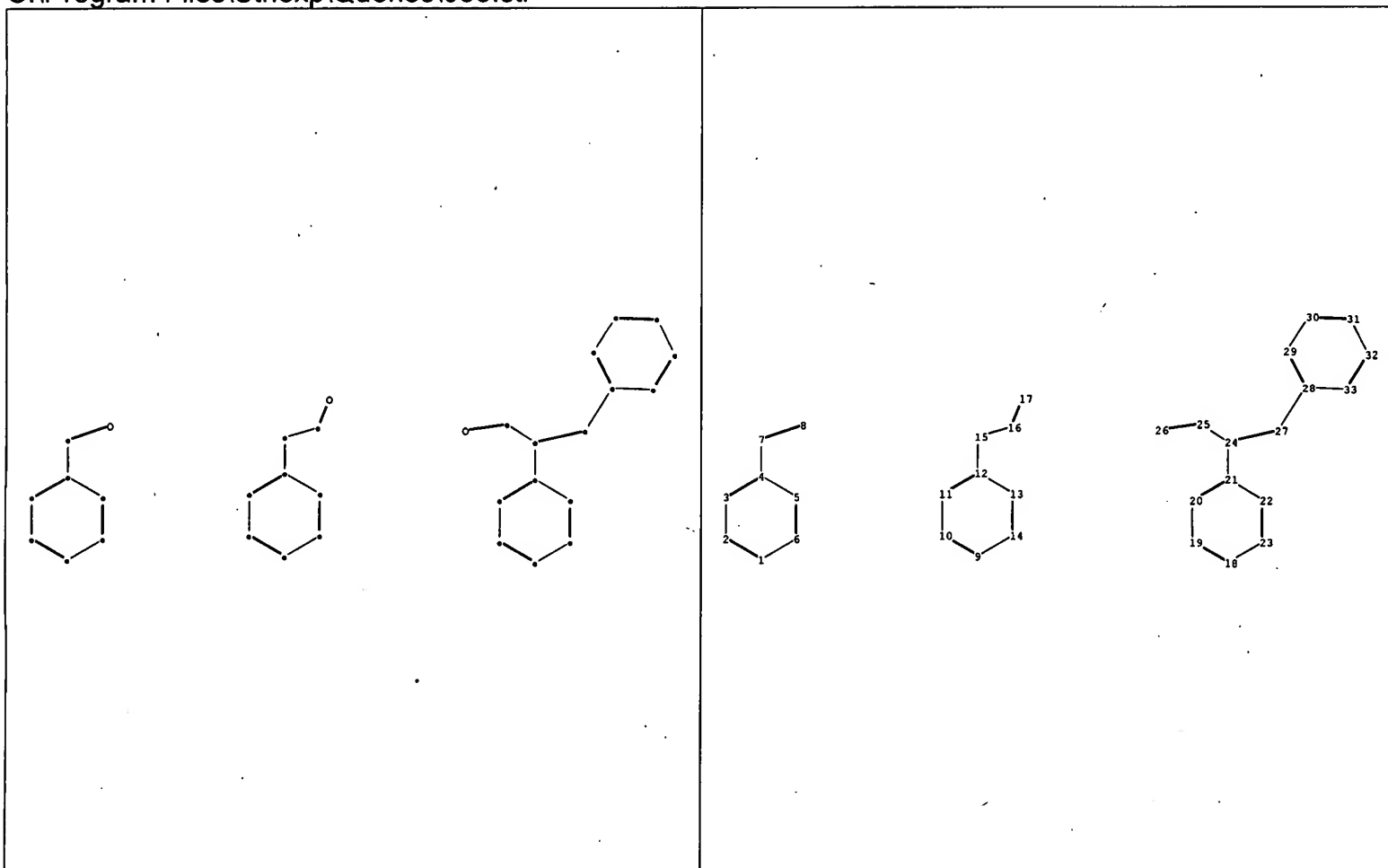
L1 STRUCTURE UPLOADED  
L2 9 S L1  
L3 154 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 14:03:12 ON 16 MAY 2007

L4 154 S L3  
L5 279 S ?ARYLPROPENAL? OR ?PHENYLPROPENAL?  
L6 0 S L4 AND L5  
L7 3 S L4 AND (CROSS ALDOL? OR CROSS COUPLING)

FILE 'HCAPLUS, HCAOLD, USPATFULL, EPFULL' ENTERED AT 14:05:37 ON 16 MAY 2007

L8 379 S ?ARYLPROPENAL? OR ?PHENYLPROPENAL?  
L9 8503 S ?PHENYLACETALDEHYDE OR ?ARYLACETALDEHYDE?  
L10 4281 S L9 AND (NONENOLIZABLE ALDEHYDE OR ?BENZALDEHYDE)  
L11 23 S L8 AND L10  
L12 7 S L11 AND (BASE OR BASIC COMPOUND OR HYDROXIDE OR ALKOXIDE OR A  
L13 7 S L12 AND (WATER MISCIBLE SOLVENT OR ALKANOL OR METHANOL OR ETH  
L14 6 S L13 AND (ACID? COCATALYST OR ACIDIC COMPOUND OR ?SULFONIC ACI



chain nodes :

7 8 15 16 17 24 25 26 27

ring nodes :

1 2 3 4 5 6 9 10 11 12 13 14 18 19 20 21 22 23 28 29 30 31 32 33

chain bonds :

4-7 7-8 12-15 15-16 16-17 21-24 24-25 24-27 25-26 27-28

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14 18-19 18-23 19-20 20-21  
21-22 22-23 28-29 28-33 29-30 30-31 31-32 32-33

exact/norm bonds :

7-8 16-17 25-26

exact bonds :

4-7 12-15 15-16 21-24 24-25 24-27 27-28

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14 18-19 18-23 19-20 20-21  
21-22 22-23 28-29 28-33 29-30 30-31 31-32 32-33

isolated ring systems :

containing 1 : 9 : 18 : 28 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:Atom 10:Atom 11:Atom 12:Atom  
13:Atom 14:Atom 15:CLASS16:CLASS17:CLASS18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom  
24:CLASS25:CLASS26:CLASS27:CLASS28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom

fragments assigned product role:

containing 18  
fragments assigned reactant/reagent role:  
containing 1  
containing 9